Listing of Claims:

1. (original)   A computer system for performing an action on a target model, wherein the target model is associated with a notify model, the target model comprising target objects and the notify model comprising notify objects, the computer system comprising:

a model map for mapping the notify objects of the notify model to associated target objects in the target model; and

an action operator for performing the action on one or more target objects in the target model in response to a modification of a selected notify object;

wherein, the action operator performs the action on one or more identified target objects associated with the modified selected notify object, the one or more identified target objects being determined with reference to the model map.

2. (original)   The computer system of claim 1 wherein the notify model is a model of an object in an object oriented computer language and wherein the target model is source code associated with the object.

3. (original)   The computer system of claim 1 further comprising means for generating an event notification signal when the selected notify object is modified, wherein the action operator performs the action responsive to receipt of the event notification signal.

4. (original)   The computer system of claim 1 wherein the model map is one of a lookup table and a database.

5. (original)   The computer system of claim 4 wherein the model map maps portions of

the notify objects to associated portions of the target objects.

6. (original)   The computer system of claim 5 wherein, the action performed by the

action operator is performed on the identified portions of the target objects in the target model,

the identified portions of the target object being determined with reference to the model map.

7. (original)   The computer system of claim 6 wherein the notify model is a model of an

object in an object oriented language and wherein the target object is source code.

8. (original)   The computer system of claim 7 wherein the action performed is a source

code validation.

9. (original)   A method for performing for an action on a target model, wherein the

target model is associated with a notify model, the target model comprising target objects and the

notify model comprising notify objects, the method comprising:

a)   mapping the notify objects of the notify model to associated target objects in the

target model; and

b)   performing the action on one or more identified target objects associated with the

selected notify object in response to modifying a selected notify object, the one or more

identified target objects being determined with reference to the mapping.

10. (original) The method of claim 9 wherein the mapping step (a) comprises the step of:

a1)   collecting data corresponding to linkages between the notify objects and the target objects.

11. (original) The method of claim 10 wherein the mapping step (a) further comprises the step of:

a2)   storing the data collected in one of a lookup table and a database.

12. (original) The method of claim 9 further comprising the step of:

c)   receiving event notification data identifying the selected notify object prior to the performing the action,.

13. (original) The method of claim 10 wherein the reference to the mapping comprises retrieving target identity data identifying the one or more target objects associated with the selected notify object from the mapping.

14. (original) The method of claim 9 wherein the mapping generates one of a lookup table and a database.

15. (original) The method of claim 9 wherein the action performed on the one or more identified target objects comprises code validation.

16. (original) A computer readable medium containing program instructions for performing for an action on a target model, wherein the target model is associated with a notify

model, the target model comprising target objects and the notify model comprising notify

objects, the program instructions for:

a)   mapping the notify objects of the notify model to associated target objects in the

target model; and

b)   performing the action on one or more identified target objects associated with the

selected notify object in response to modifying a selected notify object, the one or more

identified target objects being determined with reference to the mapping.

17. (original) The computer readable medium of claim 16 wherein the mapping

instruction (a) comprises instructions for collecting data corresponding to linkages between the

notify objects and the target objects.

18. (original) The computer readable medium of claim 17 wherein the mapping

instructions (a) further comprise storing the data collected in one of a lookup table and a

database.

19. (original) The computer readable medium of claim 16 further comprising the

instruction for:

c)   receiving event notification data identifying the selected notify object prior to the

performing the action,.

20. (original) The computer readable medium of claim 17 wherein the performing instruction comprises retrieving target identity data identifying the one or more target objects associated with the selected notify object from the mapping.

21. (original) The computer readable medium of claim 16 wherein the mapping instruction generates one of a lookup table and a database.

22. (original) The method of claim 16 wherein the action performed on the one or more identified target objects comprises code validation.

23. (original) A data signal carrier carrying computer data and instructions for performing for an action on a target model, wherein the target model is associated with a notify model, the target model comprising target objects and the notify model comprising notify objects, the instructions for:

mapping the notify objects of the notify model to associated target objects in the target model; and

performing the action on one or more identified target objects associated with the selected notify object in response to modifying a selected notify object, the one or more identified target objects being determined with reference to the mapping.

24. (original) The data signal carrier of claim 23 wherein the action is code validation on the one or more identified target objects.

25. (original) A source code validator for validating source code forming a target object in a target model, the target model comprising a plurality of target objects, the target model associated with a notify model, wherein notify objects comprising the notify model are associated with one or more target objects in the target model and wherein modifications to a notify object in the notify model are propagated to one or more target objects in the target model, the source code validator for:

performing code validation on one or more identified target objects associated with a selected notify object, the one or more identified target objects being determined with reference to a map of the associations between the notify objects in the notify model and the target objects in the object model.

26. (original) The source code validator of claim 25 for collecting and storing data corresponding to linkages between the notify objects and the target objects in one of a lookup table and a database.

27. (original) A method for performing an action on at least one of a target model and a notify model, wherein the at least one target model is associated with the notify model, the target model comprising target objects and the notify model comprising notify objects, the method comprising the steps of:

a)   mapping the notify objects of the notify model to associated target objects in the target model; and

b)   performing the action on a selected notify object and an identified target object associated with the selected notify object, the identified target object determined with reference to the mapping.